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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/821,005 (Conf. No. 8533)
				Filing Date	March 29, 2001
				First Named Inventor	Michael D. Ellis
				Art Unit	2424
				Examiner Name	Justin E. Shepard
Sheet	1	of	20	Attorney Docket Number	UV-189

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		3,848,193	11-12-1974	Martin et al.	
		3,893,049	07-01-1975	Bray	
		4,162,513	07-24-1979	Beyers et al.	
		4,224,644	09-23-1980	Lewis et al.	
		4,288,809	09-08-1981	Yabe	
		4,325,081	04-13-1982	Abe et al.	
		4,338,644	07-06-1982	Staar	
		4,339,798	07-13-1982	Hedges et al.	
		4,437,498	08-31-1982	Lee et al.	
		4,355,415	10-19-1982	George et al.	
		4,422,105	12-20-1983	Rodesch et al.	
		4,425,579	01-10-1984	Merrell	
		4,429,385	01-31-1984	Cichelli et al.	
		4,488,179	12-11-1984	Krüger et al.	
		4,495,654	01-22-1985	Deiss	
		4,496,171	01-29-1985	Cherry	
		4,602,279	07-22-1986	Freeman	
		4,620,229	10-28-1986	Amano et al.	
		4,641,205	02-03-1987	Beyers Jr.	
		4,691,351	09-01-1987	Hayashi et al.	
		4,694,490	09-15-1987	Harvey et al.	
		4,701,794	10-20-1987	Froling et al.	
		4,704,725	11-03-1987	Harvey et al.	
		4,718,107	01-05-1988	Hayes	
		4,739,406	04-19-1988	Morton et al.	
		4,745,549	05-17-1988	Hashimoto	
		4,751,578	06-14-1988	Reiter et al.	
		4,787,063	11-22-1988	Muguet	

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		Number-Kind Code <sup>2</sup> (if known)			
		4,789,962	12-06-1988	Berry et al.	
		4,807,052	02-21-1989	Amano	
		4,812,940	03-14-1989	Takenaga	
		4,847,696	07-11-1989	Matsumoto et al.	
		4,847,698	07-11-1989	Freeman	
		4,847,700	07-11-1989	Freeman	
		4,855,833	08-08-1989	Kageyama et al.	
		4,857,999	08-15-1989	Welsh	
		4,873,584	10-10-1989	Hashimoto	
		4,879,611	11-07-1989	Fukiu et al.	
		4,885,775	12-05-1989	Lucas	
		4,894,789	01-16-1990	Yee	
		4,908,713	03-13-1990	Levine	
		4,930,158	05-29-1990	Vogel	
		4,959,720	09-25-1990	Duffield et al.	
		4,963,994	10-16-1990	Levine	
		4,965,825	10-23-1990	Harvey et al	
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		5,027,400	06-25-1991	Baji et al.	
		5,109,279	04-28-1992	Ando	
		5,109,414	04-28-1992	Harvey et al.	
		5,134,719	07-28-1992	Mankovitz	
		5,155,591	10-13-1992	Wachob	
		5,172,111	12-15-1992	John W. Olivo	
		5,172,413	12-15-1992	Bradley et al.	
		5,200,822	04-06-1993	Bronfin et al.	
		5,231,493	07-27-1993	Apitz	
		5,233,654	08-03-1993	Harvey et al.	

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				Examiner Name	Justin E. Shepard
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		Number-Kind Code <sup>2</sup> (if known)			
		5,249,043	09-28-1993	Grandmougin	
		5,293,357	03-08-1994	Hallenbeck	
		5,299,006	03-29-1994	Kim	
		5,404,567	04-04-1994	DePietro et al.	
		5,335,277	08-02-1994	Harvey et al.	
		5,339,434	08-16-1994	Rusis	
		5,341,350	08-23-1994	Frank et al.	
		3,357,276	10-18-1994	Banker et al.	
		5,371,551	12-06-1994	Logan et al.	
		5,412,720	05-02-1995	Hoarty	
		5,426,699	06-20-1995	Wunderlich et al.	
		5,442,389	08-15-1995	Blahut et al.	
		5,459,522	10-17-1995	Pint	
		5,461,415	10-24-1995	Wolf et al.	
		5,465,385	11-07-1995	Ohga et al.	
		5,483,278	01-09-1996	Strubbe et al.	
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		5,508,815	04-16-1996	Levine	
		5,517,257	05-14-1996	Dunn et al.	
		5,523,794	06-04-1996	Mankovitz et al.	
		5,523,796	06-04-1996	Marshall et al.	
		5,524,195	06-04-1996	Clanton, III et al.	
		5,524,271	06-04-1996	Hollmann et al.	
		5,528,304	06-18-1996	Cherrick et al.	
		5,537,141	07-16-1996	Harper et al.	
		5,539,449	07-23-1996	Blahut et al.	
		5,539,880	07-23-1996	Lakhani	

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		Number-Kind Code <sup>2</sup> (if known)			
		5,541,638	07-30-1996	Story	
		5,541,738	07-30-1996	Mankovitz	
		5,548,338	08-20-1996	Ellis et al.	
		5,550,825	08-27-1996	McMullan Jr. et al.	
		5,557,338	09-17-1996	Maze et al.	
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		5,559,549	09-24-1996	Hendricks et al.	
		5,574,778	11-12-1996	Ely et al.	
		5,583,561	12-10-1996	Baker et al.	
		5,583,563	12-10-1996	Wanderscheid et al.	
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		5,594,509	01-14-1997	Florin	
		5,594,779	01-14-1997	Goodman	
		5,602,582	02-11-1997	Wanderscheid et al.	
		5,606,642	02-25-1997	Stautner et al.	
		5,616,876	04-01-1997	Cluts	
		5,619,247	04-08-1997	James Russo	
		5,619,249	04-08-1997	Billock et al.	
		5,623,613	04-22-1997	Rowe et al.	
		5,625,678	04-29-1997	Blomfield-Brown	
		5,629,867	05-13-1997	Goldman	
		5,630,119	05-13-1997	Aristides et al.	
		5,635,978	06-03-1997	Alten	
		5,635,987	06-03-1997	Park et al.	
		5,648,824	07-15-1997	Dunn et al.	
		5,652,613	07-29-1997	Lazarus et al.	
		5,654,748	08-05-1997	Matthews III	
		5,654,886	08-05-1997	Zereski Jr et al.	

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		5,657,072	08-12-1997	Aristides et al.	
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		5,675,743	10-07-1997	Mavity	
		5,694,163	12-02-1997	Harrison	
		5,696,765	12-09-1997	Safadi	
		5,708,961	01-13-1998	Hylton et al.	
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		5,717,452	02-10-1998	Janin et al.	
		5,721,829	02-24-1998	Dunn et al.	
		5,732,216	03-24-1998	Logon et al.	
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		5,752,160	05-12-1998	Dunn	
		5,754,771	05-19-1998	Epperson et al.	
		5,758,258	05-26-1998	Shoff et al.	
		5,758,259	05-26-1998	Lawler	
		5,771,435	06-23-1998	Brown, Ralph W.	
		5,760,821	06-02-1998	Ellis et al.	
		5,768,528	06-16-1998	Stumm	
		5,774,170	06-30-1998	Hite et al.	
		5,778,182	07-07-1998	Cathey et al.	
		5,778,187	07-07-1998	Monteiro et al	
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		5,793,412	08-11-1998	Asamizuya	
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		5,794,217	08-11-1998	Allen	
		5,796,952	08-18-1998	Davis et al.	
		5,802,284	09-01-1998	Karlton et al.	
		5,805,154	09-08-1998	Brown	
		5,805,804	09-08-1998	Laursen et al.	
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		5,808,694	09-15-1998	Usui et al.	
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		5,815,146	09-29-1998	Youden et al.	
		5,818,438	10-06-1998	Howe et al.	
		5,819,019	10-06-1998	Nelson	
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		5,822,530	10-13-1998	Brown	
		RE 35,954	11-10-1998	Levine	
		5,838,314	11-17-1998	Neel et al.	
		5,841,979	11-24-1998	Schulhof et al.	
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		5,861,906	01-19-1999	Dunn et al.	
		5,867,483	02-02-1999	Ennis et al.	
		5,881,245	03-09-1999	Thompson	
		5,884,028	03-16-1999	Kindell et al.	

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				Filing Date	March 29, 2001
				First Named Inventor	Michael D. Ellis
				Art Unit	2424
				Examiner Name	Justin E. Shepard
Sheet	7	of	20	Attorney Docket Number	UV-189

U.S. PATENT DOCUMENTS					
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		Number-Kind Code <sup>2</sup> (if known)			
		5,886,707	03-23-1999	Berg	
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		Number-Kind Code <sup>2</sup> (if known)			
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				Examiner Name	Justin E. Shepard
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		Number-Kind Code <sup>2</sup> (if known)			
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		6,023,725	02-08-2000	Ozawa et al.	
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		2002/0191954	12-19-2002	Beach et al.	
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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> "Number" <sup>4</sup> "Kind Code" <sup>5</sup> (if known)				
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		EP 0 051 228	05-12-1982	Kabushiki Kaisha Toshiba		
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		JP 63-141467	06-13-1988	Matsushita Graphic Communic		x

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				Application Number	09/821,005 (Conf. No. 8533)
				Filing Date	March 29, 2001
				First Named Inventor	Michael D. Ellis
				Art Unit	2424
				Examiner Name	Justin E. Shepard
Sheet	13	of	20	Attorney Docket Number	UV-189

		WO 88/04507	06-16-1988	British Broadcasting Corporation		
		JP 63-247812	10-14-1988	NEC Corp.		x
		JP 63-276069	11-14-1988	Fuji Xerox Co. Ltd.		x
		JP 63-299582	12-07-1988	Fujitsu General Ltd.		x
		JP 1-078328	03-23-1989	Fujitsu Ltd.		x
		WO 89/03085	04-06-1989	FOX		
		JP 1-142918	06-05-1989	Matsushita Electric Ind. Co.		x
		GB 2210526	06-07-1989	Gold Star Co. Ltd.		
		JP 1-150928	06-13-1989	Nippon Electric Co.		x
		JP 1-209399	08-23-1989	Hitachi Ltd.		x
		JP 1-212986	08-25-1989	Fujitsu General Ltd.		x
		EP 0337336	10-18-1989	RCA Thomson Licensing Corporation		
		GB 2217144	10-18-1989	Tokyo Shibaura Electric Co.		
		JP 2-838892	12-12-1989	Patorama Res KK		x
		JP 1-307944	12-12-1989	Patorama Res KK		x
		WO 89/12370	12-14-1989	Monslow, H.		
		WO 90/00847	01-25-1990	Insight Telecast, Inc.		
		JP 2-113318	04-25-1990	Hitachi Ltd.		x
		JP 2-189753	07-25-1990	Sanyo Electric Co. Ltd		x
		GB 2 227 622 A	08-01-1990	Samsung Electronics Co Limited		
		EP 393955	10-24-1990	Sony Corporation		
		WO 91/00670	01-10-1991	Matsushita Electric Industrial Co., Ltd.		
		DE 3921847	01-17-1991	Grundig EMV		
		EP 0 424 469	05-02-1991	Starsight Telecast, Inc		
		EP 0 444 496	09-04-1991	Hitachi Ltd.		
		EP 0 447 968	09-25-1991	RCA Licensing Corporation		

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				First Named Inventor	Michael D. Ellis
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	WO 92/04801	03-19-1992	Insight Telecast, Inc.		
	EP 0 488 379	06-03-1992	Matsushita Electric Industrial Co. Ltd.		
	GB 2 256 115	11-25-1992	Cabletime Limited		
	EP 0 535 749	04-07-1993	D2B Systems Co. Ltd.		
	WO 93/08542	04-29-1993	Yuen		
	WO 93/22877	11-11-1993	ICTV Inc.		
	EP 0 572 090	12-01-1993	Philips Electronics N.V.		
	JP 60-61935	03-04-1994	Nippon Electric Co.		x
	DE 4240187	06-01-1994	Siemens AG		
	ROC Pub. No. 247388	10-15-1994	Not Available		
	EP 0 624 039	11-09-1994	AT & T Corp.		
	WO 95/01058	01-05-1995	Apple Computer, Inc.		
	WO 95/15658	06-08-1995	Discovery Communications, Inc.		
	EP 0 662 771	07-12-1995	Thomson Consumer Electronics, Inc.		
	WO 95/31069	11-16-1995	Starsight Telecast, Inc.		
	WO 95/32583	11-30-1995	TV Guide On Screen		
	WO 95/32584	11-30-1995	Gemstar Development Corporation		
	WO 95/32585	11-30-1995	TV Guide On-Screen		
	WO 95/32587	11-30-1995	Prevue International, Inc.		
	WO 96/09721	03-28-1996	TV Guide On Screen		
	EP 0 711 076	05-08-1996	AT & T Corp.		
	JP8-130517A	05-21-1996	Hiroshi et al		x
	WO 96/17467	06-06-1996	Herz et al.		
	EP 0 725 539	08-07-1996	Sony Corporation		
	WO 96/25821	08-22-1996	Index Systems, Inc.		
	WO 96/33572	10-24-1996	Starsight Telecast Incorporated		

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		WO 96/34467	10-31-1996	Wink Communications, Inc.		
		WO 96/41472	12-19-1996	Starsight Telecast Incorporated		
		WO 96/41478	12-19-1996	TV Guide On Screen		
		EP 0 758 833	02-19-1997	General Instrument Corporation of Delaware		
		WO 97/07050	02-27-1997	Darling International Inc.		
		EP 0 763 938	03-19-1997	Starsight Telecast, Inc.		
		WO 97/21291	06-12-1997	Pocock		
		WO 97/32434	09-04-1997	E Guide, Inc.		
		WO 97/34413	09-18-1997	E Guide, Inc.		
		WO 97/34414	09-18-1997	E Guide, Inc.		
		WO 97/37500	10-09-1997	British Telecommunications Public Limited Company		
		WO 97/42763	11-13-1997	Starsight Telecast, Inc.		
		WO 97/46016	12-04-1997	Starsight Telecast Incorporated		
		WO 97/46943	12-11-1997	WebTV Networks, Inc.		
		WO 97/47124	12-11-1997	WebTV Networks, Inc.		
		WO 97/48228	12-18-1997	Starsight Telecast, Inc.		
		WO 97/48230	12-18-1997	Starsight Telecast, Inc.		
		WO 97/49237	12-24-1997	Starsight Telecast, Inc.		
		WO 98/01995	01-15-1998	Starsight Telecast, Inc.		
		WO 98/06219	02-12-1998	StarSight Telecast, Inc.		
		WO 98/07277	02-19-1998	Starsight Telecast, Inc.		

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				First Named Inventor	Michael D. Ellis
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		WO 98/10589	03-12-1998	Starsight Telecast, Inc.		
		WO 98/12872	03-26-1998	Starsight Telecast, Incorporated		
		EP 0 836 320	04-15-1998	Matsushita Electric Industrial Co., Ltd.		
		WO 98/17033	04-23-1998	Thomson Consumer Electronics, Inc.		
		WO 98/17064	04-23-1998	Gemstar Development Corporation		
		WO 98/18260	04-30-1998	Diva Systems Corporation		
		WO 98/19459	05-07-1998	Diva Systems Corporation		
		WO 98/26528	06-18-1998	Scientific-Atlanta, Inc.		
		WO 98/26584	06-18-1998	Prevue International, Inc.		
		WO 98/26596	06-18-1998	Starsight Telecast, Inc.		
		WO 98/31115	07-16-1998	Diva Systems Corporation		
		WO 98/31116	07-16-1998	Diva Systems Corporation		
		WO 98/34405	08-06-1998	VXtreme, Inc.		
		WO 98/38831	09-03-1998	Starsight Telecast, Inc.		
		JP 10-247344	09-14-1998	Reem Properties EV		x
		JP 10-257400A	09-25-1998	Toshiaki		x
		WO 98/47279	10-22-1998	Starsight Telecast, Incorporated		
		EP 0 874 524	10-28-1998	Starsight Telecast, Inc.		
		WO 98/48566	10-29-1998	Gemstar Devp. Corp.		
		WO 99/03267	01-21-1999	Thomson Consumer Electronics, Inc.		
		WO 99/04561	01-28-1999	E-Guide, Inc.		

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				Examiner Name	Justin E. Shepard
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		WO 99/11060	03-04-1999	News America Publications, Inc.		
		WO 99/12320	03-11-1999	Deutsche Telekom AG		
		WO 99/27681	06-03-1999	Motorola Inc.		
		WO 99/28897	06-10-1999	Voquette Networks, Ltd.		
		EP 0 924 927	06-23-1999	Mastsushita Electric Industrial Co. Ltd.		
		WO 99/39466	08-05-1999	Kwoh et al.		
		EP 0 940 983	09-08-1999	Mastsushita Electric Industrial Co. Ltd.		
		WO 99/45700	09-10-1999	Prevue International Inc.		
		EP 0 944 253	09-22-1999	Sony Corporation		
		WO 99/52279	10-14-1999	TIVO, Inc.		
		WO 99/56473	11-04-1999	United Video Properties, Inc.		
		WO 99/60790	11-25-1999	United Video Properties, Inc.		
		WO 99/65244	12-16-1999	United Video Properties, Inc.		
		WO 99/66725	12-23-1999	United Video Properties, Inc.		
		JP 2000-13708	01-14-2000	Ukai et al.		x
		WO 00/04706	01-27-2000	United Video Properties, Inc.		
		WO 00/05885	02-03-2000	United Video Properties, Inc.		
		WO 00/07368	02-10-2000	TIVO, Inc.		
		WO 00/08850	02-17-2000	Wood et al.		
		WO 00/08851	02-17-2000	Wood et al.		
		WO 00/08852	02-17-2000	Wood et al.		

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				Art Unit	2424
				Examiner Name	Justin E. Shepard
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		WO 00/11869	03-02-2000	United Video Properties, Inc.		
		EP 0 986 046	03-15-2000	Lucent Technologies, Inc.		
		WO 00/16548	03-23-2000	United Video Properties, Inc.		
		JP 2000-138886A	05-16-2000	Hane		x
		WO 00/28739	05-18-2000	Open TV, Inc.,		
		WO 00/33560	06-08-2000	United Video Properties, Inc.		
		GB 2 346 251	08-02-2000	IBM		
		JP 2000-224533A (01)	08-11-2000	Berstis		x
		JP 2000-235546A (03)	08-29-2000	Toshiya et al.		x
		WO 00/58833	10-05-2000	TIVO, Inc.		x
		WO 00/58967	10-05-2000	TIVO, Inc.		
		WO 00/59214	10-05-2000	TIVO, Inc.		
		WO 00/59223	10-05-2000	TIVO, Inc.		
		WO 00/62298	10-19-2000	TIVO, Inc.		
		WO 00/62299	10-19-2000	TIVO, Inc.		
		WO 00/62533	10-19-2000	TIVO, Inc.		
		JP 2000-306314A (02)	11-02-2000	Mitsuhiro		x
		WO 00/67475	11-09-2000	TIVO, Inc.		
		WO 01/01677	01-04-2001	United Video Properties, Inc.		
		WO 01/01689	01-04-2001	United Video Properties, Inc.		
		WO 01/22729	03-29-2001	TIVO, Inc.		
		JP2001-88372A	04-03-2001	Hirofumi		x
		WO 01/35662	05-17-2001	United Video Properties, Inc.		
		JP2001-165669A	06-22-2001	Pioneer Incorporated Co.		x
		JP2001-167522A	06-22-2001	Takagi		x

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				Examiner Name	Justin E. Shepard
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	WO 01/46843 A2	06-28-2001	TIVO, Inc.		
	WO 01/47238 A2	06-28-2001	TIVO, Inc.		
	WO 01/47249 A2	06-28-2001	TIVO, Inc.		
	WO 01/47257 A1	06-28-2001	TIVO, Inc.		
	WO 01/47273 A1	06-28-2001	TIVO, Inc.		
	WO 01/47279 A2	06-28-2001	TIVO, Inc.		
	WO 01/50743 A1	07-12-2001	United Video Properties, Inc.		
	JP2001-257950A	09-21-2001	Matsushita Electric Industrial Co.		x
	WO 01/76248 A2	10-11-2001	United Video Properties, Inc.		
	WO 02/078317 A2	10-03-2002	United Video Properties, Inc.		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		"Start Here," Sony, TiVo and DIRECTV (undated).		
		"DIRECTV Receiver with TiVo Viewer's Guide" (1999, 2000).		
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		"DIRECTV Receiver - Owner's Manual," DIRECTV, Inc. (2002).		
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				Application Number	09/821,005 (Conf. No. 8533)
				Filing Date	March 29, 2001
				First Named Inventor	Michael D. Ellis
				Art Unit	2424
				Examiner Name	Justin E. Shepard
Sheet	20	of	20	Attorney Docket Number	UV-189

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